

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Gyeong-ho YU

Serial No.

Group Art Unit:

Confirmation No.

Filed: January 5, 2004

Examiner:

For: MEMORY MANAGEMENT APPARATUS AND METHOD FOR PREVENTING IMAGE
TEARING IN VIDEO REPRODUCING SYSTEM

PRELIMINARY AMENDMENT

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Before examination of the above-identified application, please amend the application as follows:

IN THE SPECIFICATION:

The specification as amended below with replacement paragraphs shows added text with underlining and deleted text with ~~strikethrough~~.

Please REPLACE paragraph [0008], with the following paragraph:

In a further aspect of the present invention, the memory controller calculates a desired address offset between the addresses for reading and writing in the first memory, using the data reading rate, the data writing rate, and the resolution of the display. If a distance between the current addresses for reading and writing is within the desired address offset, the memory controller starts to write the format converted image data output from the scaler to the second memory instead of the first memory. The term distance, as used above, refers to a logical distance between the addresses.